

## INDEX OF SUBJECTS

### A

<b>Acidosis.</b> — Studies on inflammation. XIII. Carbohydrate metabolism, local . . . , and the cytological picture in inflammation ( <i>Menkin and Warner</i> ) -----	25
<b>Adenocystoma lymphomatosum.</b> — . . . of the salivary glands. Report of two cases ( <i>Harris</i> ) -----	81
<b>Allergy.</b> — The influence of . . . on the development of early tuberculous lesions ( <i>Dienes and Mallory</i> ) -----	897
<b>Anaphylactic lesions.</b> — Local . . . of the brain in guinea pigs ( <i>Alexander and Campbell</i> ) -----	229
<b>Aneurysmal dilatation.</b> — . . . of the cardiac coronary arteries. Review of the literature and report of a case ( <i>Harris</i> ) -----	89
<b>Aniline tumors.</b> — Experimental production of . . . of the bladder in dogs ( <i>Hueper and Wolfe</i> ) -----	656*
<b>Antibodies.</b> — Local production of . . . in vaccinia ( <i>Fellowes and Hudson</i> ) -----	646*
<b>Aorta.</b> — Combined infantile and adult coarctation of . . . with co-incident occlusion of vena cava superior ( <i>Benkowitz and Hunter</i> ) ---	289
<b>Aorta.</b> — The postmortem elasticity of the adult human. . . Its relation to age and to the distribution of intimal atheromas ( <i>Wilens</i> ) --	811
<b>Arteries.</b> — Aneurysmal dilatation of the cardiac coronary. . . Review of the literature and report of a case ( <i>Harris</i> ) -----	89
<b>Arteriolar disease.</b> — . . . in hypertensive and non-hypertensive patients ( <i>Moritz and Oldt</i> ) -----	635*
<b>Arteriolar sclerosis.</b> — . . . in hypertensive and non-hypertensive individuals ( <i>Moritz and Oldt</i> ) -----	679
<b>Atheromas.</b> — The postmortem elasticity of the adult human aorta. Its relation to age and to the distribution of intimal . . . ( <i>Wilens</i> ) ---	811

### B

<b>B. pyocyaneus.</b> — Acute bacterial endocarditis due to <i>Pseudomonas aeruginosa</i> (. . .). Report of a case ( <i>Fish, Hand and Keim</i> ) -----	121
<b>Bacterial endocarditis.</b> — Acute . . . due to <i>Pseudomonas Aeruginosa</i> ( <i>B. pyocyaneus</i> ). Report of a case ( <i>Fish, Hand and Keim</i> ) . . . -----	121
<b>Bacterial endocarditis.</b> — The rôle played by rheumatic fever in the implantation of . . . ( <i>Gross and Fried</i> ) -----	769
<b>Bacterial filtrates.</b> — Histological studies of tumor reactivity to . . . ( <i>Gerber and Bernheim</i> ) -----	673*
<b>Basophil infiltration.</b> — . . . in the neurohypophysis ( <i>Leary and Zimmerman</i> ) -----	213
<b>Benzanthracene.</b> — Studies in carcinogenesis. V. Methyl derivatives of 1, 2- . . . ( <i>Shear</i> ) -----	655*
<b>Benzedrine sulphate.</b> — An experimental study of the effect of . . . on rats ( <i>Ehrich and Krumbhaar</i> ) -----	638*
<b>Bladder.</b> — Experimental production of aniline tumors of the . . . in dogs ( <i>Hueper and Wolfe</i> ) -----	656*

\*Abstract of paper presented at the meeting of the American Association of Pathologists and Bacteriologists held at Chicago, March 25 and 26, 1937.

<b>Blastomycosis.</b> — ... of the heart. Report of two cases ( <i>Baker and Brian</i> ) .....	139
<b>Blood clotting.</b> — Experimental studies on the influence of carbon dioxide on thrombosis and of carbon dioxide and oxygen on ... ( <i>Tannen-berg</i> ) .....	635*
<b>Blood vessel wall.</b> — Vascularity of the ... Pathological changes ( <i>Winternitz, Thomas and LeCompte</i> ) .....	634*
<b>Boeck's disease.</b> — ... Postmortem findings in a case with visceral lesions ( <i>Pinner</i> ) .....	674*
<b>Bone marrow.</b> — Fibrosis of the ... (myelofibrosis) associated with a leukemoid picture. Report of two cases ( <i>Mettier and Rusk</i> ) .....	377
<b>Bone marrow.</b> — The response of guinea pig ... to liver extract ( <i>Gall</i> ) .....	575
<b>Bordet-Gengou bacilli.</b> — The results of intratracheal injection of ... in monkeys and rabbits ( <i>Sprunt, Martin and McDearman</i> ) .....	643*
<b>Brain.</b> — Histopathological changes in marked swelling of the ... ( <i>Terplan</i> ) .....	664*
<b>Brain.</b> — Local anaphylactic lesions of the ... in guinea pigs ( <i>Alexander and Campbell</i> ) .....	229
<b>Brain.</b> — Primary fibroblastoma of the ... Report of a case ( <i>Baker and Adams</i> ) .....	129
<b>Brain reaction.</b> — Seasonal variation in the intensity of the ... of the St. Louis encephalitis in mice and of endemic typhus in guinea pigs ( <i>Lillie, Armstrong, Dyer and Pasternack</i> ) .....	650*
<b>Breast.</b> — The relation of chronic mastitis to carcinoma of the ... ( <i>Warren, Morgan and Fallon</i> ) .....	670*

## C

<b>Calciferol.</b> — Changes in the teeth following parathyroidectomy. II. The effect of parathyroid extract and ... on the incisor of the rat ( <i>Schour, Tweedy, Chandler and Engel</i> ) .....	971
<b>Calciferol.</b> — Effect of parathyroid extract and ... on the tissues of the nephrectomized rat ( <i>McJunkin, Tweedy and McNamara</i> ) .....	325
<b>Calcium soaps.</b> — Experimental embolic glomerulonephritis produced by human fat, fatty acids and ... ( <i>Hagerty</i> ) .....	623*
<b>Canine distemper.</b> — The histopathology of natural and experimental ... ( <i>DeMonbreun</i> ) .....	187
<b>Capillary permeability.</b> — Mechanism of increased ... in inflammation ( <i>Menkin</i> ) .....	632*
<b>Carbon dioxide.</b> — Experimental studies on the influence of ... on thrombosis and of ... and oxygen on blood clotting ( <i>Tannen-berg</i> ) .....	635*
<b>Carcinogenesis.</b> — Studies in. ... V. Methyl derivatives of 1, 2- benz-anthracene ( <i>Shear</i> ) .....	655*
<b>Carcinogenic chemicals.</b> — Responses to ... antecedent to tumor formation ( <i>Wolbach</i> ) .....	662*
<b>Carcinoma.</b> — ... in frogs and the probable etiological relation to a virus ( <i>Lucké</i> ) .....	657*
<b>Carcinoma.</b> — Experimental ... of the prostate ( <i>Moore and Melchionna</i> ) .....	659*
<b>Carcinoma.</b> — The relation of chronic mastitis to ... of the breast ( <i>Warren, Morgan and Fallon</i> ) .....	670*
<b>Cardiac hypertrophy.</b> — Myocardial hyperplasia in ... of infancy ( <i>MacMahon</i> ) .....	626*

<b>Cardiac interventricular septum.</b> — Localized congenital defects of the. . . A study of three cases ( <i>Mason and Hunter</i> )	835
<b>Cellular reaction.</b> — The development of the local . . . to tuberculin in sensitized calves ( <i>Feldman and Fitch</i> )	641*
<b>Cerebral arteries.</b> — Structure of the small . . . and their changes with age ( <i>Baker</i> )	453
<b>Cerebral lesions.</b> — The mineral content of various . . . as demonstrated by the microincineration method ( <i>Alexander and Myerson</i> )	405
<b>Cerebral medulloblastoma.</b> — . . . ( <i>Honeyman</i> )	1003
<b>Chorio-allantoic membrane.</b> — Encephalitis and meningitis in the chick embryo following inoculation of the . . . with <i>H. influenzae</i> ( <i>Gallavan</i> )	911
<b>Chorio-allantoic membrane.</b> — Histological observations on transplantable rat and rabbit tumors cultivated in the . . . of chick embryos, with special reference to the Walker rat tumor 256 ( <i>Schrek and Avery</i> )	45
<b>Chorio-allantoic membrane.</b> — The problem of infection as presented by bacterial invasion of the . . . of chick embryos ( <i>Goodpasture and Anderson</i> )	149
<b>Chronic mastitis.</b> — The relation of . . . to carcinoma of the breast ( <i>Warren, Morgan and Fallon</i> )	670*
<b>Chyladenectasis.</b> — Mesenteric. . . Report of a case ( <i>Hill</i> )	267
<b>Cirrhosis.</b> — A practical classification for hepatic . . . ( <i>Moon</i> )	667*
<b>Cirrhosis.</b> — Malignant lymphogranulomatous (Hodgkin's disease) . . . of the liver. Report of a case ( <i>Steiner</i> )	109
<b>Coal smoke.</b> — The effects of . . . of known composition on the lungs of animals ( <i>Schnurer and Haythorn</i> )	799
<b>Coal smoke.</b> — The effects of . . . of known composition on rabbit lungs ( <i>Schnurer and Haythorn</i> )	676*
<b>Coarctation.</b> — Combined infantile and adult . . . of aorta with coincident occlusion of vena cava superior. Report of a case ( <i>Benkwitz and Hunter</i> )	289
<b>Congenital defects.</b> — Localized . . . of the cardiac interventricular septum. A study of three cases ( <i>Mason and Hunter</i> )	835
<b>Congestion.</b> — Experimental pulmonary edema and . . . ( <i>Farber</i> )	630*

## D

<b>Dietary nephritis.</b> — The pathogenesis of . . . in the rat ( <i>Medlar and Blatherwick</i> )	881
<b>Diphtheria bacillus.</b> — Chemical and serological differentiation between the proteins of diphtheria toxin and . . . ( <i>Eaton</i> )	619*
<b>Diphtheria toxin.</b> — Chemical and serological differentiation between the proteins of . . . and diphtheria bacillus ( <i>Eaton</i> )	619*

## E

<b>Eastern equine encephalomyelitis viruses.</b> — Pathological evidence of axonal and transsynaptic progression of vesicular stomatitis and . . . ( <i>Sabin and Olitsky</i> )	615*
<b>Encephalitis.</b> — A canine . . . with some specific characters ( <i>Green</i> )	649*
<b>Encephalitis.</b> — . . . and meningitis in the chick embryo following inoculation of the chorio-allantoic membrane with <i>H. influenzae</i> ( <i>Gallavan</i> )	911

- Endemic typhus.** — Seasonal variation in the intensity of the brain reaction of the St. Louis encephalitis in mice and of . . . in guinea pigs (*Lillie, Armstrong, Dyer and Pasternack*) ----- 650\*
- Endocardial sclerosis.** — Diffuse parietal. . . . Review of the literature and report of two cases (*Comeau*) ----- 277
- Endocarditis.** — The histopathology of experimentally produced . . . (*Nedzel*) ----- 627\*
- Erythrocytes.** — Serological studies of the reptilia. III. Studies of hemagglutinins in snake serum for human . . . (*Bond*) ----- 618\*
- Experimental mumps.** — Specificity of the lesions of . . . (*Block*) ----- 939

## F

- Fatty acids.** — Experimental embolic glomerulonephritis produced by human fat, . . . and calcium soaps (*Hagerty*) ----- 623\*
- Fibroblastoma.** — Primary . . . of the brain. Report of a case (*Baker and Adams*) ----- 129
- Fibrosis.** — . . . of the bone marrow (myelofibrosis) associated with a leukemoid blood picture. Report of two cases (*Mettier and Rusk*) -- 377
- Filterable agents.** — Relation of . . . to tumor formation (*Rous*) ----- 663\*

## G

- Gastro-intestinal tract.** — Syphilis of the. . . . Report of a case of gumma of the transverse colon with review of literature (*Foucar*) ----- 65
- Glomerulonephritis.** — Experimental embolic . . . produced by human fat, fatty acids and calcium soaps (*Hagerty*) ----- 623\*
- Gonadectomy.** — Morphological changes in the pituitaries of rats resulting from combined thyroidectomy and . . . (*Zeckwer*) ----- 985
- Granuloma venereum.** — The pathology of . . . (*D'Aunoy and von Haam*) ----- 651\*
- Gynecomastia.** — . . . associated with interstitial cell tumor of the testis (*Budd*) ----- 660\*

## H

- Hapten conjugation.** — . . . without protein denaturization (*Rosenthal*) - 617\*
- Heart.** — Blastomycosis of the. . . . Report of two cases (*Baker and Brian*) ----- 139
- Hemagglutinins.** — Serological studies of the reptilia. III. Studies of . . . in snake serum for human erythrocytes (*Bond*) ----- 618\*
- H. Influenzae.** — Encephalitis and meningitis in the chick embryo following inoculation of the chorio-allantoic membrane with . . . (*Gallavan*) ----- 911
- H. Pertussis.** — Infection of chick embryos with . . . reproducing pulmonary lesions of whooping cough (*Gallavan and Goodpasture*) --- 927
- Human fat.** — Experimental and embolic glomerulonephritis produced by . . . , fatty acids and calcium soaps (*Hagerty*) ----- 623\*

## I

- Icterus neonatorum.** — The pathogenesis of . . . (*Ross, Waugh and Malloy*) ----- 637\*
- Idiopathic thrombocytopenic purpura hemorrhagica.** — The histopathology of . . . (*Nickerson and Sunderland*) ----- 463
- Immune serum.** — The action of . . . upon influenza virus *in vitro* (*Magill and Francis*) ----- 648\*

<b>Immunity.</b> — Further studies on the mechanism of . . . in tuberculosis ( <i>Lurie</i> )	612*
<b>Incisor.</b> — Changes in the teeth following parathyroidectomy. I. The effects of different periods of survival, fasting, and repeated pregnancies and lactations on the . . . of the rat ( <i>Schour, Chandler and Tweedy</i> )	945
<b>Incisor.</b> — Changes in the teeth following parathyroidectomy. II. The effect of parathyroid extract and calciferol on the . . . of the rat ( <i>Schour, Tweedy, Chandler and Engel</i> )	971
<b>Incoordination.</b> — The significance of myelin sheath degeneration and its relation to . . . ( <i>Eveleth and Biester</i> )	257
<b>Infection.</b> — The problem of . . . as presented by bacterial invasion of the chorio-allantoic membrane of chick embryos ( <i>Goodpasture and Anderson</i> )	149
<b>Inflammation.</b> — Mechanism of increased capillary permeability in . . . ( <i>Menkin</i> )	632*
<b>Inflammation.</b> — Studies on inflammation. XIII. Carbohydrate metabolism, local acidosis, and the cytological picture in . . . ( <i>Menkin and Warner</i> )	25
<b>Influenza virus.</b> — The action of immune serum upon . . . <i>in vitro</i> ( <i>Magill and Francis</i> )	648*
<b>Interstitial cell tumor.</b> — Gynecomastia associated with . . . of the testis ( <i>Budd</i> )	660*
<b>Intranuclear inclusion bodies.</b> — . . . in the tissue reactions produced by injections of certain foreign substances ( <i>Olitsky and Harford</i> )	729
<b>Intrinsic factors.</b> — . . . in the etiology of neoplasms ( <i>Weller</i> )	661*
<b>Irradiation.</b> — The time factor in the . . . of malignant tumors ( <i>Melnick and Bachem</i> )	669*

K

<b>Kidney.</b> — The pathogenesis of cortical necrosis of the . . . in rabbits following the injection of staphylococcus toxin ( <i>Glynn</i> )	622*
<b>Kidneys.</b> — The pathogenesis of cortical necrosis of the . . . in rabbits following the injection of staphylococcus toxin ( <i>Glynn</i> )	593
<b>Kidneys.</b> — Tubular disease of the . . . ( <i>Bell</i> )	621*

L

<b>Lacrimal gland.</b> — Mixed tumor of the . . . Review of the literature and report of a case ( <i>Neely</i> )	99
<b>Leukemia.</b> — Phagocytic activity of circulating cells in the various types of . . . ( <i>Strumia and Boerner</i> )	335
<b>Leukocytes.</b> — Attraction of human polymorphonuclear . . . by tubercle protein ( <i>Wartman</i> )	612*
<b>Leukocytes.</b> — The chemotropic attraction of . . . by fractions of <i>Streptococcus haemolyticus</i> ( <i>Dixon, McCutcheon and Czarnetzky</i> )	645*
<b>Liver.</b> — Malignant lymphogranulomatous (Hodgkin's disease) cirrhosis the . . . Report of a case ( <i>Steiner</i> )	109
<b>Liver extract.</b> — The response of guinea pig bone marrow to . . . ( <i>Gall</i> )	575
<b>Lobar pneumonia.</b> — Experimental studies on possible mechanisms of certain predisposing factors to . . . ( <i>Nungester and Klepser</i> )	642*
<b>Lungs.</b> — The effects of coal smoke of known composition on the . . . of animals ( <i>Schnurer and Haythorn</i> )	799

- Lungs.** — The effects of coal smoke of known composition on rabbit . . .  
     (*Schnurer and Haythorn*) ----- 676\*
- Lymph nodes.** — Inhibition of the Shwartzman phenomenon in . . .  
     (*Koplik*) ----- 638\*

## M

- Meningeal tumors.** — The relation of multiple . . . to von Reckling-  
     hausen's neurofibromatosis (*Bailey*) ----- 670\*
- Meningitis.** — Encephalitis and . . . in the chick embryo following  
     inoculation of the chorio-allantoic membrane with *H. influenzae*  
     (*Gallavan*) ----- 911
- Mesaortitis.** — Chronic diffuse. . . Report of two cases of unusual  
     type (*Sproul and Hawthorne*) ----- 311
- Metabolism.** — Studies on inflammation. XIII. Carbohydrate . . .,  
     local acidosis, and the cytological picture in inflammation (*Menkin*  
     and *Warner*) ----- 25
- Microincineration.** — The mineral content of various cerebral lesions as  
     demonstrated by the . . . method (*Alexander and Myerson*) ----- 405
- Mixed tumors.** — Histopathology of . . . of the salivary glands (*Budd*) 672\*
- Mumps.** — Specificity of the lesions of experimental . . . (*Bloch*) ----- 939
- Myelin sheath degeneration.** — The significance of . . . and its relation  
     to incoordination (*Eveleth and Biester*) ----- 257
- Myelin sheaths.** — A new method for the rapid staining of . . . (*Smith*  
     and *Quigley*) ----- 491
- Myocardial hyperplasia.** — . . . in cardiac hypertrophy of infancy (*Mac-*  
     *Mahon*) ----- 626\*
- Myocardium.** — Hyperplasia and regeneration of the . . . in infants and  
     children (*MacMahon*) ----- 845

## N

- Neoplasms.** — Intrinsic factors in the etiology of . . . (*Weller*) ----- 661\*
- Nephritis.** — The pathology and pathogenesis of clinical acute . . . (*Bell*) 497
- Neurohypophysis.** — Basophil infiltration in the . . . (*Leary and Zim-*  
     *merman*) ----- 213
- Neurotropic viruses.** — The nature and rate of centripetal progression of  
     certain . . . along peripheral nerves (*Sabin*) ----- 615\*
- Nutritional edema.** — . . . in the dog. IV. Peptic ulcer produced by the  
     same low protein diet that leads to hypoproteinemia and edema  
     (*Weech and Paige*) ----- 249

## O

- Odontomas.** — Development of . . . in rats following a prolonged chronic  
     vitamin A deficiency (*Burn, Orten and Smith*) ----- 658\*
- Osteogenic tumors.** — The interrelation of . . . (*Jacobson*) ----- 668\*
- Oxygen.** — Experimental studies on the influence of carbon dioxide on  
     thrombosis and of carbon dioxide and . . . on blood clotting (*Tan-*  
     *nenberg*) ----- 635\*

## P

- Paneth cell.** — The . . . (*Hertzog*) ----- 351
- Paraffin sections.** — Silver impregnation of reticulum in . . . (*Gömöri*) -- 993

- Parathyroidectomy.** — Changes in the teeth following. . . I. The effects of different periods of survival, fasting, and repeated pregnancies and lactations on the incisor of the rat (*Schour, Chandler and Tweedy*) ----- 945
- Parathyroidectomy.** — Changes in the teeth following. . . II. The effect of parathyroid extract and calciferol on the incisor of the rat (*Schour, Tweedy, Chandler and Engel*) ----- 971
- Parathyroid extract.** — Changes in the teeth following parathyroidectomy. II. The effect of . . . and calciferol on the incisor of the rat (*Schour, Tweedy, Chandler and Engel*) ----- 971
- Parathyroid extract.** — Effect of . . . and calciferol on the tissues of the nephrectomized rat (*McJunkin, Tweedy and McNamara*) ----- 325
- Parathyroid hyperplasia.** — . . . in chronic renal insufficiency (*Castleman and Mallory*) ----- 553
- Parathyroid hyperplasia.** — . . . in chronic renal insufficiency (*Castleman and Mallory*) ----- 624\*
- Peptic ulcer.** — Nutritional edema in the dog. IV. . . . produced by the same low protein diet that leads to hypoproteinemia and edema (*Weech and Paige*) ----- 249
- Peripheral nerves.** — The nature and rate of centripetal progression of certain neurotropic viruses along . . . (*Sabin*) ----- 615\*
- Pituitaries.** — Morphological changes in the . . . of rats resulting from combined thyroidectomy and gonadectomy (*Zeckwer*) ----- 985
- Pneumococci.** — Viable . . . and pneumococcic specific soluble substance in the lungs from cases of lobar pneumonia (*Nye and Harris*) --- 749
- Pneumoconiosis.** — . . . and pulmonary malignancy (*Vorwald and Karr*) 654\*
- Pneumonia.** — Viable pneumococci and pneumococcic specific soluble substance in the lungs from cases of lobar . . . (*Nye and Harris*) -- 749
- Postmortem elasticity.** — The . . . of the adult human aorta: its relation to age and to the distribution of intimal atheromas (*Wilens*) -- 811
- Prostate.** — Experimental carcinoma of the . . . (*Moore and Melchionna*) 659\*
- Protein denaturization.** — Hapten conjugation without . . . (*Rosenthal*) 617\*
- Proteins.** — Chemical and serological differentiation between the . . . of diphtheria toxin and diphtheria bacillus (*Eaton*) ----- 619\*
- Pseudomonas aeruginosa.** — Acute bacterial endocarditis due to . . . (*B. pyocyaneus*). Report of a case (*Fish, Hand and Keim*) ----- 121
- Pulmonary edema.** — Experimental . . . and congestion (*Farber*) ----- 630\*
- Pulmonary malignancy.** — Pneumoconiosis and . . . (*Vorwald and Karr*) 654\*

## R

- Ramon diphtheria flocculation reaction.** — A quantitative study of the . . . (*Pappenheimer and Robinson*) ----- 620\*
- Renal insufficiency.** — Parathyroid hyperplasia in chronic . . . (*Castleman and Mallory*) ----- 553
- Renal insufficiency.** — Parathyroid hyperplasia in chronic . . . (*Castleman and Mallory*) ----- 624\*
- Reticulum.** — Silver impregnation of . . . in paraffin sections (*Gömöri*) 993
- Reynal's factor.** — The . . . in fetal and adult guinea pig tissues (*Hudson and Fellowes*) ----- 641\*
- Rheumatic fever.** — The aortic commissural lesion in . . . (*Gross and Silverman*) ----- 389



- Rheumatic fever.** — The rôle played by . . . in the implantation of bacterial endocarditis (*Gross and Fried*) ----- 769
- Rheumatic heart disease.** — Morphological changes in the superior vena cava and right auricle in . . . (*Waler*) ----- 855
- Right auricle.** — Morphological changes in the superior vena cava and . . . in rheumatic heart disease (*Waler*) ----- 855

## S

- St. Louis encephalitis.** — Cultivation of the virus of . . . (*Harrison and Moore*) ----- 361
- St. Louis encephalitis.** — Seasonal variation in the intensity of the brain reaction of the . . . in mice and of endemic typhus in guinea pigs (*Lillie, Armstrong, Dyer and Pasternack*) ----- 650\*
- Salivary glands.** — Adenocystoma lymphomatosum of the . . . Report of two cases (*Harris*) ----- 81
- Salivary glands.** — Histopathology of mixed tumors of the . . . (*Budd*) 672\*
- Serous effusions.** — The identification of tumor cells in sediments of . . . (*Foot*) ----- I
- Serratia anolium.** — Studies on the experimental infection of some reptiles, amphibia and fish with . . . (*Clausen and Duran-Reynals*) ----- 441
- Sex hormones.** — . . . and their relation to tumors (*Loeb, Burns, Sontzeff and Moskop*) ----- 663\*
- Shwartzman phenomenon.** — Inhibition of the . . . in lymph nodes (*Koplik*) ----- 638\*
- Silica.** — The similarity of the lesions produced by . . . and by the tubercle bacillus (*Gardner*) ----- 13
- Silver impregnation.** — . . . of reticulum in paraffin sections (*Gömöri*) 993
- Small intestine.** — Malignant tumors of the . . . (*Nickerson and Williams*) ----- 53
- Snake serum.** — Serological studies of the reptilia. III. Studies of hemagglutinins in . . . for human erythrocytes (*Bond*) ----- 618\*
- Specific soluble substance.** — Viable pneumococci and pneumococcic . . . in the lungs from cases of lobar pneumonia (*Nye and Harris*) 749
- Squamous cell carcinoma.** — Epithelial metaplasia of the thyroid with special reference to the histogenesis of . . . of the thyroid (*Jaffe*) 671\*
- Staphylococcus toxin.** — The pathogenesis of cortical necrosis of the kidneys in rabbits following the injection of . . . (*Glynn*) ----- 593
- Staphylococcus toxin.** — The pathogenesis of cortical necrosis of the kidney in rabbits following the injection of . . . (*Glynn*) ----- 622\*
- Streptococcus haemolyticus.** — The chemotropic attraction of leukocytes by fractions of . . . (*Dixon, McCutcheon and Czarnetzky*) ----- 645\*
- Streptococcus scarlatinae.** — Isolation and chemical analysis of the erythrogenic toxin of . . . (NY5 strain) (*Stock*) ----- 618\*
- Superior vena cava.** — Morphological changes in the . . . and right auricle in rheumatic heart disease (*Waler*) ----- 855
- Sympathetic nervous system.** — Multiple tumors of the . . . with a report of a case illustrating both benign and malignant types (*Wahl and Craig*) ----- 670\*
- Syphilis.** — . . . of the gastro-intestinal tract. Report of a case of gumma of the transverse colon with review of literature (*Foucar*) . . . . . 65



T

<b>Teeth.</b> — Changes in the . . . following parathyroidectomy. I. The effects of different periods of survival, fasting, and repeated pregnancies and lactations on the incisor of the rat ( <i>Schour, Chandler and Tweedy</i> ) - - - - -	945
<b>Teeth.</b> — Changes in the . . . following parathyroidectomy. II. The effect of parathyroid extract and calciferol on the incisor of the rat ( <i>Schour, Tweedy, Chandler and Engel</i> ) - - - - -	971
<b>Testis.</b> — Gynecomastia associated with interstitial cell tumor of the . . . ( <i>Budd</i> ) - - - - -	660*
<b>Thrombosis.</b> — Experimental studies on the influence of carbon dioxide on . . . and of carbon dioxide and oxygen on blood clotting ( <i>Tannenbergs</i> ) - - - - -	635*
<b>Thrombotic constitution.</b> — Environmental factors in the . . . ( <i>Petersen</i> ) - - - - -	634*
<b>Thyroid.</b> — Epithelial metaplasia of the . . . with special reference to the histogenesis of squamous cell carcinoma of the . . . ( <i>Jaffe</i> ) - - - - -	671*
<b>Thyroidectomy.</b> — Morphological changes in the pituitaries of rats resulting from combined . . . and gonadectomy ( <i>Zeckwer</i> ) - - - - -	985
<b>Time factor.</b> — The . . . in the irradiation of malignant tumors ( <i>Melnick and Bachem</i> ) - - - - -	669*
<b>Torula infection.</b> — . . . ( <i>Crone, DeGroat and Wahlin</i> ) - - - - -	863
<b>Toxoplasma infection.</b> — . . . in the guinea pig ( <i>Markham</i> ) - - - - -	652*
<b>Trachoma.</b> — Biology of the infectious agent of . . . ( <i>Julianelle</i> ) - - - - -	646*
<b>Trichinosis.</b> — An epidemiological approach to the control of . . . ( <i>Queen</i> ) - - - - -	651*
<b>Tubercle bacillus.</b> — The similarity of the lesions produced by silica and by the . . . ( <i>Gardner</i> ) - - - - -	13
<b>Tubercle protein.</b> — Attraction of human polymorphonuclear leukocytes by . . . ( <i>Wartman</i> ) - - - - -	612*
<b>Tuberculin.</b> — The development of the local cellular reaction to . . . in sensitized calves ( <i>Feldman and Fitch</i> ) - - - - -	641*
<b>Tuberculin reactions.</b> — Variability of daily . . . ( <i>Howe</i> ) - - - - -	611*
<b>Tuberculosis.</b> — Further studies on the mechanism of immunity in . . . ( <i>Lurie</i> ) - - - - -	612*
<b>Tuberculosis.</b> — The development of . . . in non-allergic guinea pigs ( <i>Woodruff and Willis</i> ) - - - - -	614*
<b>Tuberculous lesions.</b> — The influence of allergy on the development of early . . . ( <i>Dienes and Mallory</i> ) - - - - -	897
<b>Tubular disease.</b> — . . . of the kidneys ( <i>Bell</i> ) - - - - -	621*
<b>Tumor.</b> — Mixed . . . of the lacrimal gland. Review of the literature and report of a case ( <i>Neely</i> ) - - - - -	99
<b>Tumor cells.</b> — The identification of . . . in sediments of serous effusions ( <i>Foot</i> ) - - - - -	I
<b>Tumor formation.</b> — Relation of filterable agents to . . . ( <i>Rous</i> ) - - - - -	663*
<b>Tumor formation.</b> — Responses to carcinogenic chemicals antecedent to . . . ( <i>Wolbach</i> ) - - - - -	662*
<b>Tumor reactivity.</b> — Histological studies of . . . to bacterial filtrates ( <i>Gerber and Bernheim</i> ) - - - - -	673*
<b>Tumors.</b> — Malignant . . . of the small intestine ( <i>Nickerson and Williams</i> ) - - - - -	53

- Tumors.** — Multiple . . . of the sympathetic nervous system with a report of a case illustrating both benign and malignant types (*Wahl and Craig*) ----- 670\*
- Tumors.** — Sex hormones and their relation to . . . (*Loeb, Burns, Sontzoff and Moskop*) ----- 663\*
- Tumors.** — The time factor in the irradiation of malignant . . . (*Melnick and Bachem*) ----- 669\*
- Typhoid fever.** — Concerning the pathogenesis of . . . (*Goodpasture*) --- 175

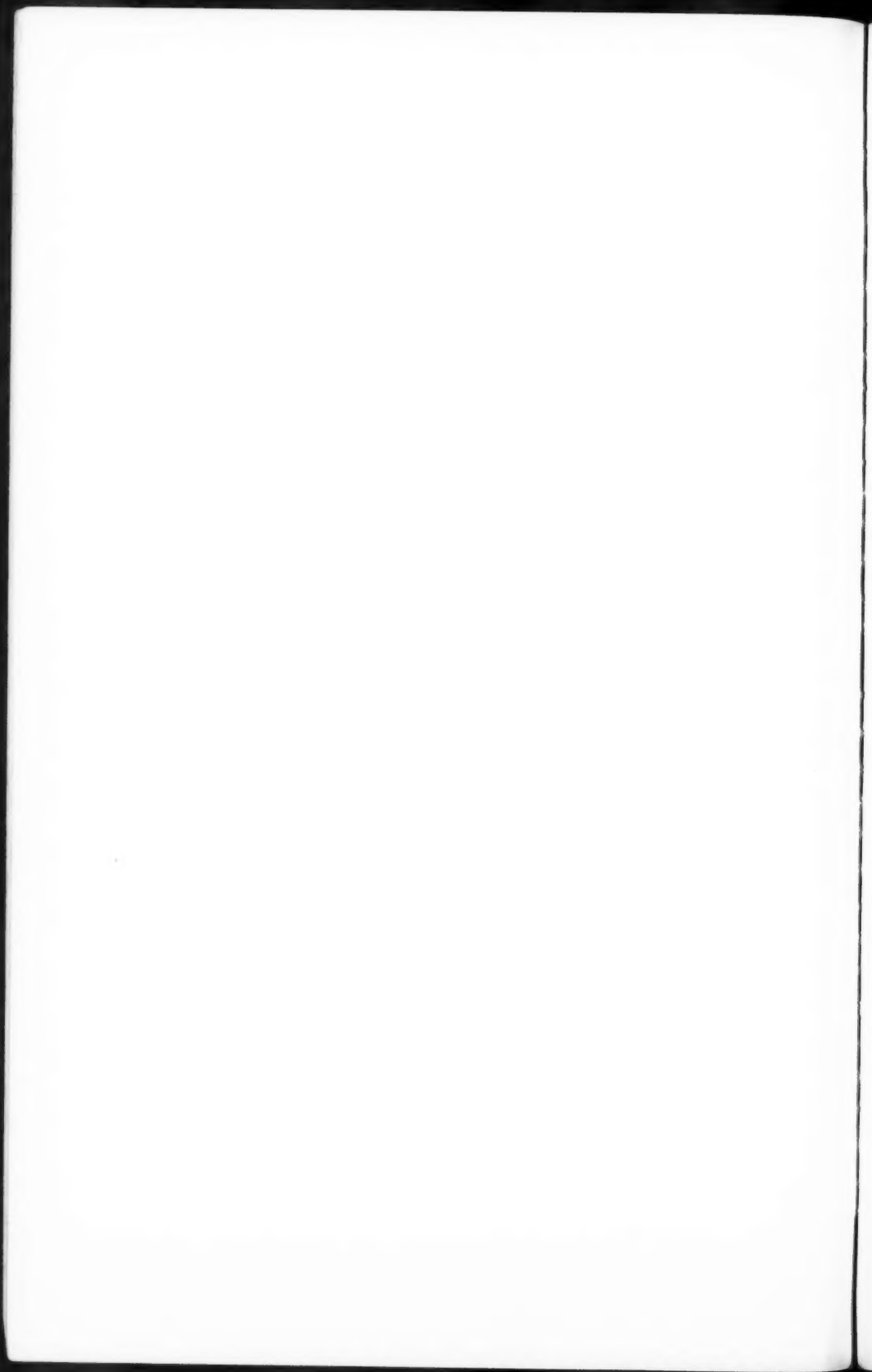
## V

- Vaccinia.** — Local production of antibodies in . . . (*Fellowes and Hudson*) 646\*
- Vena cava superior.** — Combined infantile and adult coarctation of aorta with coincident occlusion of. . . . Report of a case (*Benkowitz and Hunter*) ----- 289
- Vesicular stomatitis.** — Pathological evidence of axonal and transsynaptic progression of . . . and Eastern equine encephalomyelitis viruses (*Sabin and Olitsky*) ----- 615\*
- Virus.** — Carcinoma in frogs and the probable etiological relation to a . . . (*Lucké*) ----- 657\*
- Virus.** — Cultivation of the . . . of St. Louis encephalitis (*Harrison and Moore*) ----- 361
- Vitamin A deficiency.** — Development of odontomas in rats following a prolonged chronic . . . (*Burn, Orten and Smith*) ----- 658\*
- von Recklinghausen's neurofibromatosis.** — The relation of multiple meningeal tumors to . . . (*Bailey*) ----- 670\*

## W

- Walker rat tumor 256.** — Histological observations on transplantable rat and rabbit tumors cultivated in the chorio-allantoic membrane of chick embryos, with special reference to the . . . (*Schrek and Avery*) 45
- Whooping cough.** — Infection of chick embryos with *H. pertussis* reproducing pulmonary lesions of . . . (*Gallavan and Goodpasture*) ---- 927

INDEX OF AUTHORS



## INDEX OF AUTHORS

### A

- Adams, John M.** See Baker and Adams . . . . . 129
- Alexander, Leo, and Campbell, A. Colin P.** Local anaphylactic lesions of the brain in guinea pigs . . . . . 229
- and **Myerson, Abraham.** The mineral content of various cerebral lesions as demonstrated by the microincineration method . . . . . 405
- Anderson, Katherine.** See Goodpasture and Anderson . . . . . 149
- Armstrong, C.** See Lillie, Armstrong, Dyer and Pasternack . . . . . 650\*
- Avery, Roy C.** See Schrek and Avery . . . . . 45

### B

- Bachem, Albert.** See Melnick and Bachem . . . . . 669\*
- Bailey, Percival.** The relation of multiple meningeal tumors to von Recklinghausen's neurofibromatosis . . . . . 670\*
- Baker, A. B.** Structure of the small cerebral arteries and their changes with age . . . . . 453
- and **Adams, John M.** Primary fibroblastoma of the brain. Report of a case . . . . . 129
- Baker, Roger D., and Brian, Earl W.** Blastomycosis of the heart. Report of two cases . . . . . 139
- Bell, E. T.** The pathology and pathogenesis of clinical acute nephritis . . . . . 497
- Tubular disease of the kidneys . . . . . 621\*
- Benkowitz, Karl B., and Hunter, Warren C.** Combined infantile and adult coarctation of aorta with coincident occlusion of vena cava superior. Report of a case . . . . . 289
- Bernheim, Alice I.** See Gerber and Bernheim . . . . . 673\*
- Biester, H. E.** See Eveleth and Biester . . . . . 257
- Blatherwick, N. R.** See Medlar and Blatherwick . . . . . 881
- Bloch, Oscar, Jr.** Specificity of the lesion of experimental mumps . . . . . 939
- Boerner, Fred.** See Strumia and Boerner . . . . . 335
- Bond, Glenn C.** Serological studies of the reptilia. III. Studies of hemagglutinins in snake serum for human erythrocytes . . . . . 618\*
- Brian, Earl W.** See Baker and Brian . . . . . 139
- Budd, John W.** Gynecomastia associated with interstitial cell tumor of the testis . . . . . 660\*
- Histopathology of mixed tumors of the salivary glands . . . . . 672\*
- Burn, Caspar G., Orten, Alvin U., and Smith, Arthur H.** Development of odontomas in rats following a prolonged chronic vitamin A deficiency . . . . . 658\*
- Burns, E. L.** See Loeb, Burns, Suntzeff and Moskop . . . . . 663\*

### C

- Campbell, A. Colin P.** See Alexander and Campbell . . . . . 229
- Castleman, Benjamin, and Mallory, Tracy B.** Parathyroid hyperplasia in chronic renal insufficiency . . . . . 553
- and — Parathyroid hyperplasia in chronic renal insufficiency . . . . . 624\*

\*Abstract of paper presented at the meeting of the American Association of Pathologists and Bacteriologists held at Chicago, March 25 and 26, 1937.

- Chandler, S. B. See Schour, Chandler and Tweedy . . . . . 945  
 —. See Schour, Tweedy, Chandler and Engel . . . . . 971  
 Clausen, H. J., and Duran-Reynals, F. Studies on the experimental infection of some reptiles, amphibia and fish with *Serratia anolium* . . . . . 441  
 Comeau, Wilfrid J. Diffuse parietal endocardial sclerosis. Review of the literature and report of two cases . . . . . 277  
 Craig, P. E. See Wahl and Craig . . . . . 670\*  
 Crone, J. T., DeGroat, A. F., and Wahlin, J. G. Torula infection . . . . . 863  
 Czarnetzky, E. J. See Dixon, McCutcheon and Czarnetzky . . . . . 645\*

## D

- D'Aunoy, Rigney, and von Haam, Emmerich. The pathology of granuloma venereum . . . . . 651\*  
 DeGroat, A. F. See Crone, DeGroat and Wahlin . . . . . 863  
 DeMonbreun, W. A. The histopathology of natural and experimental canine distemper . . . . . 187  
 Dienes, L., and Mallory, Tracy B. The influence of allergy on the development of early tuberculous lesions . . . . . 897  
 Dixon, H. M., McCutcheon, Morton, and Czarnetzky, E. J. The chemotropic attraction of leukocytes by fractions of *Streptococcus haemolyticus* . . . . . 645\*  
 Duran-Reynals, F. See Clausen and Duran-Reynals . . . . . 441  
 Dyer, R. E. See Lillie, Armstrong, Dyer and Pasternack . . . . . 650\*

## E

- Eaton, Monroe D. Chemical and serological differentiation between the proteins of diphtheria toxin and diphtheria bacillus . . . . . 619\*  
 Ehrich, William E., and Krumbhaar, E. B. An experimental study of the effect of benzedrine sulphate on rats . . . . . 638\*  
 Eveleth, D. F., and Biester, H. E. The significance of myelin sheath degeneration and its relation to incoordination . . . . . 257

## F

- Fallon, John. See Warren, Morgan and Fallon . . . . . 670\*  
 Farber, Sidney. Experimental pulmonary edema and congestion . . . . . 630\*  
 Feldman, William H., and Fitch, C. P. The development of the local cellular reaction to tuberculin in sensitized calves . . . . . 641\*  
 Fellowes, O. N., and Hudson, N. Paul. Local production of antibodies in vaccinia . . . . . 646\*  
 —. See Hudson and Fellowes . . . . . 641\*  
 Fish, George Winthrop, Hand, Mark M., and Keim W. Franklin, Jr. Acute bacterial endocarditis due to *Pseudomonas aeruginosa* (B. pyocyaneus). Report of a case . . . . . 121  
 Fitch, C. P. See Feldman and Fitch . . . . . 641\*  
 Foot, Nathan Chandler. The identification of tumor cells in sediments of serous effusions . . . . . I  
 Foucar, F. H. Syphilis of the gastro-intestinal tract. Report of a case of gumma of the transverse colon with review of literature . . . . . 65  
 Francis, Thomas J. See Magill and Francis . . . . . 648\*  
 Fried, B. M. See Gross and Fried . . . . . 769

## G

- Gall, Edward A. The response of guinea pig bone marrow to liver extract . . . . . 575
- Gallavan, Mae. Encephalitis and meningitis in the chick embryo following inoculation of the chorio-allantoic membrane with *H. influenzae* . . . . . 911
- and Goodpasture, E. W. Infection of chick embryos with *H. pertussis* reproducing pulmonary lesions of whooping cough . . . . . 927
- Gardner, Leroy U. The similarity of the lesions produced by silica and by the tubercle bacillus . . . . . 13
- Gerber, Isadore E., and Bernheim, Alice I. Histological studies of tumor reactivity to bacterial filtrates . . . . . 673\*
- Glynn, John H. The pathogenesis of cortical necrosis of the kidneys in rabbits following the injection of staphylococcus toxin . . . . . 593
- The pathogenesis of cortical necrosis of the kidney in rabbits following the injection of staphylococcus toxin . . . . . 622\*
- Gömöri, G. Silver impregnation of reticulum in paraffin sections . . . . . 993
- Goodpasture, Ernest W. Concerning the pathogenesis of typhoid fever . . . . . 175
- and Anderson, Katherine. The problem of infection as presented by bacterial invasion of the chorio-allantoic membrane of chick embryos . . . . . 149
- See Gallavan and Goodpasture . . . . . 927
- Green, Robert G. A canine encephalitis with some specific characters . . . . . 649\*
- Gross, Louis, and Fried, B. M. The rôle played by rheumatic fever in the implantation of bacterial endocarditis . . . . . 769
- and Silverman, Gertrude. The aortic commissural lesion in rheumatic fever . . . . . 389

## H

- Hagerty, C. S. Experimental embolic glomerulonephritis produced by human fat, fatty acids and calcium soaps . . . . . 623\*
- Hand, Mark M. See Fish, Hand and Keim . . . . . 121
- Harford, Carl G. See Olitsky and Harford . . . . . 729
- Harris, Albert H., 2nd. See Nye and Harris . . . . . 749
- Harris, Paul N. Adenocystoma lymphomatosum of the salivary glands. Report of two cases . . . . . 81
- Aneurysmal dilatation of the cardiac coronary arteries. Review of the literature and report of a case . . . . . 89
- Harrison, R. W., and Moore, Elizabeth. Cultivation of the virus of St. Louis encephalitis . . . . . 361
- Hawthorne, John J. See Sproul and Hawthorne . . . . . 311
- Haythorn, Samuel R. See Schnurer and Haythorn . . . . . 799
- See Schnurer and Haythorn . . . . . 676\*
- Hertzog, Ambrose J. The Paneth cell . . . . . 351
- Hill, Joseph M. Mesenteric chyladenectasis. Report of a case . . . . . 267
- Honeyman, William Murray. Cerebral medulloblastoma . . . . . 149
- Howe, John. Variability of daily tuberculin reactions . . . . . 611\*
- Hudson, N. Paul, and Fellowes, O. N. The Reynals factor in fetal and adult guinea pig tissues . . . . . 641\*
- See Fellowes and Hudson . . . . . 646\*



- Hueper, W. C., and Wolfe, H. D. Experimental production of aniline tumors of the bladder in dogs . . . . . 656\*
- Hunter, Warren C. See Benkwitz and Hunter . . . . . 289
- . See Mason and Hunter . . . . . 835

## J

- Jacobson, Sheldon A. The interrelation of osteogenic tumors . . . . . 668\*
- Jaffe, R. H. Epithelial metaplasia of the thyroid with special reference to the histogenesis of squamous cell carcinoma of the thyroid . . . 671\*
- Julianelle, Louis A. Biology of the infectious agent of trachoma . . . . 646\*

## K

- Karr, John W. See Vorwald and Karr . . . . . 654\*
- Keim, W. Franklin, Jr. See Fish, Hand and Keim . . . . . 121
- Klepser, R. G. See Nungester and Klepser . . . . . 642\*
- Koplik, Lewis Henry. Inhibition of the Shwartzman phenomenon in lymph nodes . . . . . 638\*
- Krumbhaar, E. B. See Ehrich and Krumbhaar . . . . . 638\*

## L

- Leary, Deborah C., and Zimmerman, H. M. Basophil infiltration in the neurohypophysis . . . . . 213
- LeCompte, Philip M. See Winternitz, Thomas and LeCompte . . . . . 634\*
- Lillie, R. D., Armstrong, C., Dyer, R. E., and Pasternack, J. G. Seasonal variation in the intensity of the brain reaction of the St. Louis encephalitis in mice and of endemic typhus in guinea pigs . . . . . 650\*
- Loeb, Leo, Burns, E. L., Suntzeff, V., and Moskop, Marian. Sex hormones and their relation to tumors . . . . . 663\*
- Lucké, Balduin. Carcinoma in frogs and the probable etiological relation to a virus . . . . . 657\*
- Lurie, Max B. Further studies on the mechanism of immunity in tuberculosis . . . . . 612\*

## M

- MacMahon, H. Edward. Hyperplasia and regeneration of the myocardium in infants and children . . . . . 845
- . Myocardial hyperplasia in cardiac hypertrophy of infancy . . . . 626\*
- Magill, T. P., and Francis, Thomas, Jr. The action of immune serum upon influenza virus *in vitro* . . . . . 648\*
- Mallory, Tracy B. See Castleman and Mallory . . . . . 553
- . See Castleman and Mallory . . . . . 624\*
- . See Dienes and Mallory . . . . . 897
- Malloy, H. Tait. See Ross, Waugh and Malloy . . . . . 637\*
- Markham, Floyd S. Toxoplasma infection in the guinea pig . . . . . 652\*
- Martin, D. S. See Sprunt, Martin and McDearman . . . . . 643\*
- Mason, David G., and Hunter, Warren C. Localized congenital defects of the cardiac interventricular septum. A study of three cases . . . . 835
- McCutcheon, Morton. See Dixon, McCutcheon and Czarnetzky . . . . . 645\*
- McDearman, Sara. See Sprunt, Martin and McDearman . . . . . 643\*

- McJunkin, F. A., Tweedy, W. R., and McNamara, E. W. Effect of parathyroid extract and calciferol on the tissues of the nephrectomized rat . . . . . 325
- McNamara, E. W. See McJunkin, Tweedy and McNamara . . . . . 325
- Medlar, E. M., and Blatherwick, N. R. The pathogenesis of dietary nephritis in the rat . . . . . 881
- Melchionna, Robert H. See Moore and Melchionna . . . . . 659\*
- Melnick, Perry J., and Bachem, Albert. The time factor in the irradiation of malignant tumors . . . . . 669\*
- Menkin, Voly. Mechanism of increased capillary permeability in inflammation . . . . . 632\*
- and Warner, Charlotte R. Studies on inflammation. XIII. Carbohydrate metabolism, local acidosis, and the cytological picture in inflammation . . . . . 25
- Mettier, Stacy R., and Rusk, Glanville Y. Fibrosis of the bone marrow (myelofibrosis) associated with a leukemoid blood picture. Report of two cases . . . . . 377
- Moon, Virgil H. A practical classification for hepatic cirrhosis . . . . . 667\*
- Moore, Elizabeth. See Harrison and Moore . . . . . 361
- Moore, Robert A., and Melchionna, Robert H. Experimental carcinoma of the prostate . . . . . 659\*
- Morgan, J. R. E. See Warren, Morgan and Fallon . . . . . 670\*
- Moritz, Alan R., and Oldt, M. R. Arteriolar disease in hypertensive and non-hypertensive patients . . . . . 635\*
- and —. Arteriolar sclerosis in hypertensive and non-hypertensive individuals . . . . . 679
- Moskop, Marian. See Loeb, Burns, Suntzeff and Moskop . . . . . 663\*
- Myerson, Abraham. See Alexander and Myerson . . . . . 405

## N

- Nedzel, Alexander. The histopathology of experimentally produced endocarditis . . . . . 627\*
- Neely, J. Marshall. Mixed tumor of the lacrimal gland. Review of the literature and report of a case . . . . . 99
- Nickerson, D. A., and Sunderland, D. A. The histopathology of idiopathic thrombocytopenic purpura hemorrhagica . . . . . 463
- and Williams, R. H. Malignant tumors of the small intestine . . . . . 53
- Nungester, W. J., and Klepser, R. G. Experimental studies on possible mechanisms of certain predisposing factors to lobar pneumonia . . . . . 642\*
- Nye, Robert N., and Harris, Albert H., 2nd. Viable pneumococci and pneumococcic specific soluble substance in the lungs from cases of lobar pneumonia . . . . . 749

## O

- Oldt, M. R. See Moritz and Oldt . . . . . 679
- See Moritz and Oldt . . . . . 635\*
- Olitsky, Peter K., and Harford, Carl G. Intranuclear inclusion bodies in the tissue reactions produced by injections of certain foreign substances . . . . . 729
- See Sabin and Olitsky . . . . . 615\*
- Orten, Alvin U. See Burn, Orten and Smith . . . . . 658\*

## P

- Paige, B. H. See Weech and Paige . . . . . 249
- Pappenheimer, Alwin M., Jr., and Robinson, Elliott S. A quantitative study of the Ramon diphtheria flocculation reaction . . . . . 620\*
- Pasternack, J. G. See Lillie, Armstrong, Dyer and Pasternack . . . . . 650\*
- Petersen, William F. Environmental factors in the thrombotic constitution . . . . . 634\*
- Pinner, Max. Boeck's disease. Postmortem findings in a case with visceral lesions . . . . . 674\*

## Q

- Queen, Frank B. An epidemiological approach to the control of trichinosis . . . . . 651\*
- Quigley, Brian. See Smith and Quigley . . . . . 491

## R

- Robinson, Elliott S. See Pappenheimer and Robinson . . . . . 620\*
- Rosenthal, Sol Roy. Hapten conjugation without protein denaturation . . . . . 617\*
- Ross, Graham, Waugh, Theodore R., and Malloy, H. Tait. The pathogenesis of icterus neonatorum . . . . . 637\*
- Rous, Peyton. Relation of filterable agents to tumor formation . . . . . 663\*
- Rusk, Glanville Y. See Mettier and Rusk . . . . . 377

## S

- Sabin, Albert B. The nature and rate of centripetal progression of certain neurotropic viruses along peripheral nerves . . . . . 615\*
- and Olitsky, Peter K. Pathological evidence of axonal and trans-synaptic progression of vesicular stomatitis and Eastern equine encephalomyelitis viruses . . . . . 615\*
- Schnurer, Lucy, and Haythorn, Samuel R. The effects of coal smoke of known composition on the lungs of animals . . . . . 799
- and —. The effects of coal smoke of known composition on rabbit lungs . . . . . 676\*
- Schour, I., Chandler, S. B., and Tweedy, W. R. Changes in the teeth following parathyroidectomy. I. The effects of different periods of survival, fasting, and repeated pregnancies and lactations on the incisor of the rat . . . . . 945
- , Tweedy, W. R., Chandler, S. B., and Engel, M. B. Changes in the teeth following parathyroidectomy. II. The effect of parathyroid extract and calciferol on the incisor of the rat . . . . . 971
- Schrek, Robert, and Avery, Roy C. Histological observations on transplantable rat and rabbit tumors cultivated in the chorio-allantoic membrane of chick embryos, with special reference to the Walker rat tumor 256 . . . . . 45
- Shear, M. J. Studies in carcinogenesis. V. Methyl derivatives of 1,2-benzanthracene . . . . . 655\*
- Silverman, Gertrude. See Gross and Silverman . . . . . 389
- Smith, Arthur H. See Burn, Orten and Smith . . . . . 658\*
- Smith, Wilbur K., and Quigley, Brian. A new method for the rapid staining of myelin sheaths . . . . . 491

<b>Sproul, E. E., and Hawthorne, John J.</b> Chronic diffuse mesoarthritis. Report of two cases of unusual type . . . . .	311
<b>Sprunt, D. H., Martin, D. S., and McDearman, Sara.</b> The results of intratracheal injection of Bordet-Gengou bacilli in monkeys and rabbits . . . . .	643*
<b>Steiner, Paul E.</b> Malignant lymphogranulomatous (Hodgkin's disease) cirrhosis of the liver. Report of a case . . . . .	109
<b>Stock, A. H.</b> Isolation and chemical analysis of the erythrogenic toxin of <i>Streptococcus scarlatinae</i> (NY <sub>5</sub> strain) . . . . .	618*
<b>Strumia, Max M., and Boerner, Fred.</b> Phagocytic activity of circulating cells in the various types of leukemia . . . . .	335
<b>Sunderland, D. A.</b> See Nickerson and Sunderland . . . . .	463
<b>Suntzeff, V.</b> See Loeb, Burns, Suntzeff and Moskop . . . . .	663*

T

<b>Tannenberg, Joseph.</b> Experimental studies on the influence of carbon dioxide on thrombosis and of carbon dioxide and oxygen on blood clotting . . . . .	635*
<b>Terplan, Kornel L.</b> Histopathological changes in marked swelling of the brain . . . . .	664*
<b>Thomas, Robert M.</b> See Winternitz, Thomas and LeCompte . . . . .	634*
<b>Tweedy, W. R.</b> See McJunkin, Tweedy and McNamara . . . . .	325
— See Schour, Chandler and Tweedy . . . . .	945
— See Schour, Tweedy, Chandler and Engel . . . . .	971

V

<b>von Haam, Emmerich.</b> See D'Aunoy and von Haam . . . . .	651*
<b>Vorwald, Arthur J., and Karr, John W.</b> Pneumoconiosis and pulmonary malignancy . . . . .	654*

W

<b>Waler, Erik.</b> Morphological changes in the superior vena cava and right auricle in rheumatic heart disease . . . . .	855
<b>Wahl, H. R., and Craig, P. E.</b> Multiple tumors of the sympathetic nervous system with a report of a case illustrating both benign and malignant types . . . . .	670*
<b>Wahlin, J. G.</b> See Crone, DeGroat and Wahlin . . . . .	863
<b>Warner, Charlotte R.</b> See Menkin and Warner . . . . .	25
<b>Warren, Shields, Morgan, J. R. E., and Fallon, John.</b> The relation of chronic mastitis to carcinoma of the breast . . . . .	670*
<b>Wartman, William B.</b> Attraction of human polymorphonuclear leukocytes by tubercle protein . . . . .	612*
<b>Waugh, Theodore R.</b> See Ross, Waugh and Malloy . . . . .	637*
<b>Weech, A. A., and Paige, B. H.</b> Nutritional edema in the dog. IV. Peptic ulcer produced by the same low protein diet that leads to hypoproteinemia and edema . . . . .	249
<b>Weller, Carl V.</b> Intrinsic factors in the etiology of neoplasms . . . . .	661*
<b>Wilens, Sigmund L.</b> The postmortem elasticity of the adult human aorta. Its relation to age and to the distribution of intimal atheromas . . . . .	811
<b>Williams, R. H.</b> See Nickerson and Williams . . . . .	53
<b>Willis, H. S.</b> See Woodruff and Willis . . . . .	614*

- Winternitz, Milton C., Thomas, Robert M., and LeCompte, Philip M.  
Vascularity of the blood vessel wall: pathological changes . . . . . 634\*
- Wolbach, S. Burt. Response to carcinogenic chemicals antecedent to  
tumor formation . . . . . 662\*
- Wolfe, H. D. See Hueper and Wolfe . . . . . 656\*
- Woodruff, C. E., and Willis, H. S. The development of tuberculosis in  
non-allergic guinea pigs . . . . . 614\*

## Z

- Zeckwer, Isolde T. Morphological changes in the pituitaries of rats  
resulting from combined thyroidectomy and gonadectomy . . . . . 985
- Zimmerman, H. M. See Leary and Zimmerman . . . . . 213

